

**TOWN OF DAVIE  
TOWN COUNCIL AGENDA REPORT**

**TO:** Mayor and Councilmembers

**FROM/PHONE:** Will Allen, Redevelopment Administrator/ 954-797-2093

**PREPARED BY:** Will Allen

**SUBJECT:** Resolution

**AFFECTED DISTRICT:** District 1

**ITEM REQUEST:** Schedule for Council Meeting

**TITLE OF AGENDA ITEM: CHANGE ORDER** - A RESOLUTION OF THE TOWN OF DAVIE, FLORIDA, AUTHORIZING THE MAYOR TO EXECUTE CHANGE ORDER NUMBER 1 TO THE CONTRACT BETWEEN THE TOWN OF DAVIE COMMUNITY REDEVELOPMENT AGENCY AND CONQUEST ENGINEERING GROUP COMPANY FOR THE INSTALLATION OF SW 41 PLACE INFRASTRUCTURE IMPROVEMENTS; AND PROVIDING FOR AN EFFECTIVE DATE. (\$31,813.90)

**REPORT IN BRIEF:** This resolution concerns a change order for the construction of SW 41 Place Infrastructure Improvements. The request is to increase the amount of the contract from \$1,141,903 to \$1,173,716.90 which is an increase of \$31,813.90 which is a 2.8% increase over the bid price. This is an adjustment to recognize the finalization of the job. The change order reflects all of the changes made during the installation of these improvements. The change order reflects a finalization of the changes made to the quantities for each work item listed for the job. Some work items show reductions in the quantity of work and other items show an increase in the amount of work. Examples of reduced work include Item 1A for removal and disposal of asphalt which was \$2,120 less than anticipated or Item G2 for irrigation system restoration which was reduced by \$5,625. The items added include more money for reconstructing asphalt driveways as shown in Item B2 in the amount of \$6,217.65 as they had more driveway work on the side streets and installing an additional 8' x 8' square manhole as shown in Item C11 which was to avoid a telephone box for \$10,296 and another \$6,788 as shown in Item E7 for a 16" 45 degree bend for a sanitary sewer to avoid the same telephone box.

There has been a problem in completing this job due to financial problems of the contractor, Conquest Engineering. With the change order there remains \$337,543.59 to pay the contractor with a joint check to the subcontractors which is just enough to finish the job. This will avoid litigation to call the bond which would result in months of litigation and additional legal bills.

**CONCURRENCES:** The CRA Board approved the Change Order at their meeting of March 22, 2010.

**FISCAL IMPACT:** Yes

Has request been budgeted? Yes

If yes, expected cost: \$31,813.90

Account name and number: 010-0405-515.0502

**RECOMMENDATION(S):** Motion to approve resolution

**Attachment(s):** Resolution  
Change Order  
Resolution Number.R-2008-70  
RESOLUTION R-2010-

A RESOLUTION OF THE TOWN OF DAVIE, FLORIDA, AUTHORIZING THE MAYOR TO EXECUTE CHANGE ORDER NUMBER 1 TO THE CONTRACT BETWEEN THE TOWN OF DAVIE COMMUNITY REDEVELOPMENT AGENCY AND CONQUEST ENGINEERING GROUP COMPANY FOR THE INSTALLATION OF SW 41 PLACE INFRASTRUCTURE IMPROVEMENTS; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Town previously ratified the award of contract between the Davie Community Redevelopment Agency and Conquest Engineering Group Company for the installation of SW 41 Place Infrastructure Improvements in the amount of \$1,141,903.00 by Resolution No. R-2008-70; and

WHEREAS, a change order is necessary due to unforeseen circumstances and will facilitate the completion of the project.

NOW, THEREFORE, IT BE RESOLVED BY THE TOWN COUNCIL OF THE TOWN OF DAVIE, FLORIDA;

SECTION 1. The Town Council hereby authorizes the Mayor to execute Change Order Number 1 which will result in a net increase of \$31,813.90 bringing the contract amount to \$1,173,716.90.

SECTION 2. The Town Council hereby authorizes the expenditure from the CRA Special Projects Account 010-0405-515-0502.

SECTION 3. This resolution shall take effect immediately upon its passage and adoption.

PASSED AND ADOPTED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2010.

\_\_\_\_\_

MAYOR/COUNCILMEMBER  
ATTEST:

\_\_\_\_\_  
TOWN CLERK

APPROVED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_,  
2010.

**CHANGE  
ORDER**

**Distribution:**

Owner: \_\_\_\_\_  
Architect: \_\_\_\_\_  
Contractor: \_\_\_\_\_  
Field: \_\_\_\_\_  
Other: Bid Spec Committee

**Project:**  
**SW 41<sup>st</sup> Place Infrastructure Improvements**  
**Davie FL 33314**

**Change Order Number: C.O. # 1**

**INITIATION DATE:**

**To (Contractor):**  
**Conquest Engineering Group, Co**  
**3411 SW 108th Avenue**  
**Miami, FL 33165**

**Town's Project No: B-08-32**  
**Contract For:**

**Contract Date:**

You are directed to make the following changes in this Contract:

Item #1- \_\_\_\_\_ \$ \_\_\_\_\_  
Days: 0 TOTAL \$ 31,813.90

Not valid until signed by both Owner & Engineer.

Signature of the Contractor indicates his agreement herewith, including any adjustment in the Contract Sum or Contract Time.

The original (Contract Sum) .....  
Net change by previously authorized Change Orders..... \$1,141,903.00  
The (Contract Sum) prior to this Change Order..... \$0.00  
The (Contract Sum) will (increase)..... \$1,141,903.00  
The new (Contract Sum) including this Change Order will be ..... \$ 31,813.90  
The Contract Time will be (unchanged) by..... \$1,173,716.90  
The Date of Completion as of the date of this Change Order therefore is.....

Authorized

Craven Thompson & Associates  
Engineer

Conquest Engineering Group, Inc.  
Contractor

Town of Davie  
Owner

Signature \_\_\_\_\_

Signature \_\_\_\_\_

Signature \_\_\_\_\_

By PATRICK GIBBY

By CARLOS P. LOPEZ

By \_\_\_\_\_

Date: 3/17/10

Date: 3/17/10

Date: \_\_\_\_\_

Town of Davie CRA  
S.W. 41st Place Infrastructure Improvements  
Change Order No. 1  
Reconciliation Change Order

ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D CONTRACT ADDITIONS	E ADJUSTED VALUE
<b>A - DEMOLITION</b>				
1	Remove and Dispose of Existing Asphalt and Stockpile (limerock base)	13,292.50	(2,120.00)	11,172.50
2	Remove and Dispose of Existing Brick Pavers	32.50	0.00	32.50
3	Remove and Dispose of Existing Concrete Driveway	740.00	0.00	740.00
4	Remove and Dispose of Existing Storm Drainage Structure	3,437.50	0.00	3,437.50
5	Remove and Dispose of Existing Storm Drainage Pipe	6,697.50	0.00	6,697.50
6	Remove and Dispose of Existing Water Main	712.50	0.00	712.50
7	Remove and Dispose of Existing Gravity Sewer Pipe	1,953.00	0.00	1,953.00
8	Remove and Dispose of Existing Asbestos Cement Force Main	1,736.00	(62.00)	1,674.00
9	Remove and Dispose of Existing 5' Concrete Sidewalk	22.50	0.00	22.50
10	Remove and Dispose of Existing Trees (12" and larger diameter)	875.00	0.00	875.00
<b>Sub-Total Demolition</b>		<b>\$29,499.00</b>	<b>(\$2,182.00)</b>	<b>\$27,317.00</b>
<b>B - PAVING</b>				
1	5' Concrete Sidewalk (6" thick)	13,916.00	10,724.00	24,640.00
2	Reconstruct Asphalt Driveway	6,790.55	6,217.65	13,008.20
3	Reconstruct Brick Paver Driveway	618.20	0.00	618.20
4	Reconstruct Concrete Driveway	12,262.50	(956.25)	11,306.25
5	Rubber Speed Cushions	4,872.00	0.00	4,872.00
6	Concrete Apron (4" thick)	72.80	(11.20)	61.60
7	Swale Clearing and Grading	6,082.20	1,680.20	7,762.40
8	12" Stabilized Subgrade	5,713.75	(127.50)	5,586.25
9	8" Limerock Base (Includes Stockpiled Limerock Base)	67,193.70	(1,499.40)	65,694.30
10	Asphaltic Concrete Pavement (3/4" Lifts) <small>Sealed lift to be placed at end of the project</small>	91,420.00	(2,040.00)	89,380.00
11	Type "F" Curb and Gutter	5,040.00	40.00	5,080.00
12	Furnish and Install Truncated Dome Detectable Warning	5,000.00	0.00	5,000.00
<b>Sub-Total Paving</b>		<b>\$218,981.70</b>	<b>\$14,027.50</b>	<b>\$233,009.20</b>
<b>Sub-total Page 2</b>		<b>\$248,480.70</b>	<b>\$11,845.50</b>	<b>\$260,326.20</b>

Town of Davie CRA  
S.W. 41st Place Infrastructure Improvements  
Change Order No. 1  
Reconciliation Change Order

A	B	C	D	E
ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE	CONTRACT ADDITIONS	ADJUSTED VALUE
<b>C</b>	<b>STORM DRAINAGE</b>			
1	Type C-A Inlet	17,206.00	0.00	17,206.00
2	Type C Inlet 4' Dia.	8,472.00	0.00	8,472.00
3	Type C Inlet 5' Dia.	7,270.00	0.00	7,270.00
4	Type C Inlet 6' Dia.	19,395.00	0.00	19,395.00
5	Type C Inlet 7' Dia.	8,475.00	0.00	8,475.00
6	8' x 8' Square Inlet	22,664.00	0.00	22,664.00
7	Manhole 6' Dia.	6,227.00	0.00	6,227.00
8	Manhole 4' x 4' Square	3,139.00	0.00	3,139.00
9	Manhole 8' x 4'	8,865.00	0.00	8,865.00
10	Manhole 8' x 6'	9,902.00	0.00	9,902.00
11	Manhole 8' x 8' Square	10,296.00	10,296.00	20,592.00
12	Conflict Structure (4' x 4' Square)	3,141.00	0.00	3,141.00
13	Conflict Structure (8' x 6')	9,902.00	0.00	9,902.00
14	Manhole 4' Dia.	2,867.00	0.00	2,867.00
15	Rip-Rap Headwall (59" x 81" Outfall)	7,584.00	0.00	7,584.00
16	Temporary Control Structure (2' x 3')	2,578.00	0.00	2,578.00
17	15" HDPE	13,007.50	(137.50)	12,870.00
18	30" HDPE	1,536.40	66.80	1,603.20
19	26" HDPE	25,256.00	(77.00)	25,179.00
20	42" HDPE	35,113.50	0.00	35,113.50
21	48" HDPE	71,684.30	(498.50)	71,185.80
22	59" x 81" Arch 12 Gauge 3x1 CMP	147,587.20	2,984.30	150,571.50
23	Core Existing Structure	312.00	0.00	312.00
24	15" Tidellex Check Valve	8,187.00	0.00	8,187.00
25	Asphalt Sidewalk Restoration	2,038.85	(219.05)	1,819.80
26	Pavement Restoration	5,880.65	994.15	6,874.80
<b>Sub-Total Storm Water</b>		<b>\$458,586.40</b>	<b>\$13,409.20</b>	<b>\$471,995.60</b>
<b>Sub-total Page 3</b>		<b>\$458,586.40</b>	<b>\$13,409.20</b>	<b>\$471,995.60</b>

Town of Davis CRA  
S.W. 41st Place Infrastructure Improvements  
Change Order No. 1  
Reconciliation Change Order

**BASE BID SCHEDULE**

A	B	C	D	E
ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE	CONTRACT ADDITIONS	ADJUSTED VALUE
<b>D</b>	<b>WATER DISTRIBUTION</b>			
1	8" PVC Water Main	14,950.00	(667.00)	14,283.00
2	8" DIP Water Main	1,136.00		2,272.00
3	Directional Bore 8" HDPE Water Main Under Davis Road	16,725.00	401.40	17,126.40
4	2" Schedule 40 PVC Water Main	112.20	0.00	112.20
5	8" x 6" Reducer	254.00	0.00	254.00
6	8" x 8" Cross	2,290.00	0.00	2,290.00
7	8" 45 degree Bend	3,322.80	2,215.20	5,538.00
8	Sample Point	937.50	0.00	937.50
9	12" x 8" Tapping Sleeve with Valve	5,284.00	0.00	5,284.00
10	Fire Hydrant Assembly	3,645.00	0.00	3,645.00
11	8" RSGV with Valve Box	8,449.00	1,207.00	9,656.00
12	8" Plug with 2" Blow-Off	921.00	0.00	921.00
13	8" Plug with 2" Tap	520.00	0.00	520.00
14	6" 90 degree Bend	227.00	0.00	227.00
15	2" RSGV with Valve Box	3,510.00	0.00	3,510.00
16	Pavement Restoration	554.40	1,260.00	1,814.40
17	Reconnect to Existing Water Main	3,250.00	0.00	3,250.00
18	Remove and Replace Damaged 8" ACP Water Main (Allowance)	2,160.00	(2,160.00)	0.00
	<b>Sub-Total Water Distribution</b>	<b>68,347.90</b>	<b>3,392.60</b>	<b>71,740.50</b>
<b>E</b>	<b>SANITARY SEWER</b>			
1	Manhole 4' Dia (8-10' depth)	4,056.00	0.00	4,056.00
2	8" PVC (8' - 10' depth)	15,345.00	55.80	15,400.80
3	8" DIP (8-10' depth)	3,824.00	(1,912.00)	1,912.00
4	16" PVC Force Main	18,900.00	(675.00)	18,225.00
5	Connect to Existing Force Main	2,618.00	0.00	2,618.00
6	16" Plug Valve	4,855.00	0.00	4,855.00
7	16" 45 degree Bend	6,788.00	6,788.00	13,576.00
8	Cure Existing Manhole	892.00	0.00	892.00
9	Plug Existing Invert	187.00	0.00	187.00
10	Pavement Restoration	184.80	(184.80)	0.00
11	Concrete Sidewalk Restoration	7,830.00	(1,755.00)	6,075.00
	<b>Sub-Total Sanitary Sewer</b>	<b>65,479.80</b>	<b>2,317.00</b>	<b>67,796.80</b>
<b>F</b>	<b>PAVEMENT MARKING AND SIGNING</b>			
1	6" Double Yellow	420.00	0.00	420.00
2	12" Solid White	626.40	0.00	626.40
3	24" White Stop Bar	250.00	0.00	250.00
	<b>Sub-Total Pavement Marking and Signing</b>	<b>1,296.40</b>	<b>0.00</b>	<b>1,296.40</b>
<b>G</b>	<b>LANDSCAPING</b>			
1	Sodding	8,778.90	986.70	9,765.60
2	Furnish and Install Irrigation System Restoration (Allowance)	6,250.00	(5,625.00)	625.00
3	Relocate Existing Trees/Palms (12" or Less Diameter)	5,250.00	(3,500.00)	1,750.00
	<b>Sub-Total Landscaping</b>	<b>20,278.90</b>	<b>(8,138.30)</b>	<b>12,140.60</b>
<b>H</b>	<b>MISCELLANEOUS</b>			
1	Mobilization	1,875.00	0.00	1,875.00
2	Maintenance of Traffic	11,875.00	0.00	11,875.00
3	Testing	3,125.00	0.00	3,125.00
4	Permits (Allowance)	5,000.00	0.00	5,000.00
5	Environmental (SWPP)	2,500.00	0.00	2,500.00
6	Bonds and Insurance	16,645.90	0.00	16,645.90
	<b>Sub-Total Miscellaneous</b>	<b>41,020.90</b>	<b>0.00</b>	<b>41,020.90</b>
	<b>Sub-Total Page 4</b>	<b>\$196,323.90</b>	<b>(\$2,428.70)</b>	<b>\$193,895.20</b>

Town of Davie CRA  
S.W. 41st Place Infrastructure Improvements  
Change Order No. 1  
Reconciliation Change Order

**ADDITIVE ALTERNATE BID SCHEDULE**

A	B	C	D	E
ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE	CONTRACT ADDITIONS	ADJUSTED VALUE
<b>A</b>	<b>DEMOLITION</b>			
	Remove and Dispose of Existing Asbestos Cement WM	3,750.00	0.00	3,750.00
	<b>Sub-Total Demolition</b>	<b>\$3,750.00</b>	<b>\$0.00</b>	<b>\$3,750.00</b>
<b>B</b>	<b>WATER DISTRIBUTION</b>			
1	10" PVC Water Main	7,991.00	(213.50)	7,777.50
2	8" PVC Water Main	31,042.00	198.00	31,240.00
3	10" x 8" Tee	1,311.00	0.00	1,311.00
4	10" x 6" Tee	1,262.80	0.00	1,262.80
5	10" x 4" Tee	620.00	0.00	620.00
6	10" x 8" Reducer	375.00	1,125.00	1,500.00
7	10" Plug with 8" Tap	591.00	0.00	591.00
8	4" Plug with 2" Tap	97.00	0.00	97.00
9	Temporary 2" Blow-Off	1,526.00	0.00	1,526.00
10	Single Meter including Meter Box	1,650.40	2,475.60	4,126.00
11	Double Meter including Meter Box	6,496.00	1,624.00	8,120.00
12	1" Water Service Line (Singles) including Private Property	2,142.00	3,213.00	5,355.00
13	1 1/2" Water Service Line (Doubles) including Private Property	14,840.00	3,710.00	18,550.00
14	Sample Point	1,248.00	0.00	1,248.00
15	Fire Hydrant Assembly	7,211.00	3,603.50	10,816.50
16	10" RSGV with Valve Box	5,580.00	0.00	5,580.00
17	8" RSGV with Valve Box	3,771.00	0.00	3,771.00
18	2" RSGV with Valve Box	562.00	0.00	562.00
19	Remove Existing Plug and connect New Water Main	156.00	0.00	156.00
20	Reconnect to Existing Water Main	436.00	0.00	436.00
21	Asphalt Sidewalk Restoration	445.50	(445.50)	0.00
22	Concrete Sidewalk Restoration	8,040.00	(8,040.00)	0.00
	<b>Sub-Total Water Distribution</b>	<b>\$97,393.70</b>	<b>\$7,252.10</b>	<b>\$104,645.80</b>
<b>C</b>	<b>SANITARY SEWER</b>			
1	Manhole 4' Dia (0-6' depth)	2,586.00	0.00	2,586.00
2	Manhole 4' Dia (6-8' depth)	5,172.00	0.00	5,172.00
3	Manhole 4' Dia (8-10' depth)	2,586.00	0.00	2,586.00
4	Manhole 4' Dia (10-12' depth)	3,336.00	0.00	3,336.00
5	8" PVC (0-6' depth)	12,112.50	(47.50)	12,065.00
6	8" PVC (6-8' depth)	22,033.50	55.50	22,089.00
7	8" PVC (8-10' depth)	16,680.00	(55.60)	16,624.40
8	8" PVC (10-12' depth)	22,500.00	75.00	22,575.00
9	8" DIP (0-6' depth)	1,906.00	0.00	1,906.00
10	Core Existing Manhole and Rebuild Flow Channels	1,360.00	0.00	1,360.00
11	6" PVC Service Line	9,590.00	(68.50)	9,521.50
12	Single Service	4,608.00	0.00	4,608.00
13	Double Service	4,500.00	450.00	4,950.00
14	Pavement Restoration	247.50	(247.50)	0.00
	<b>Sub-Total Sanitary Sewer</b>	<b>\$109,217.50</b>	<b>\$161.40</b>	<b>\$109,378.90</b>
	<b>Sub-Total Page 5</b>	<b>\$210,361.20</b>	<b>\$7,413.50</b>	<b>\$217,774.70</b>



Town of Davis CRA  
 S.W. 41st Place Infrastructure Improvements

Change Order No. 1

**ADDITIVE ALTERNATE BID SCHEDULE**

Reconciliation Change Order

A	B	C	D	E
ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE	CONTRACT ADDITIONS	ADJUSTED VALUE
<b>D</b>	<b>MISCELLANEOUS</b>			
1	Mobilization	1,875.00	0.00	1,875.00
2	Maintenance of Traffic	9,375.00	0.00	9,375.00
3	Testing	3,125.00	0.00	3,125.00
4	Permit (Allowance)	5,000.00	0.00	5,000.00
5	Environmental (SWPP)	4,375.00	0.00	4,375.00
6	Bonds and Insurance	4,400.80	0.00	4,400.80
<b>Sub-Total Sanitary Sewer</b>		<b>\$28,150.80</b>	<b>\$0.00</b>	<b>\$28,150.80</b>
<b>Sub-Total Page 6</b>		<b>\$28,150.80</b>	<b>\$0.00</b>	<b>\$28,150.80</b>

Town of Davie CRA  
S.W. 41st Place Infrastructure Improvements  
Change Order No. 1  
Reconciliation Change Order

A	B	C	D	E
ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE	CONTRACT ADDITIONS	ADJUSTED VALUE
1	(CE CO 2009-12) Remove and replace sidewalk with driveways		1,574.40	1,574.40
Sub-Total Page 7		0.00	1,574.40	1,574.40
TOTAL FOR ALL PAGES		\$1,141,903.86	331,813.90	\$1,173,716.90

RESOLUTION NO. R-2008-20

A RESOLUTION OF THE TOWN OF DAVIE, FLORIDA RATIFYING THE AWARD OF CONTRACT BETWEEN THE TOWN OF DAVIE COMMUNITY REDEVELOPMENT AGENCY AND CONQUEST ENGINEERING GROUP COMPANY FOR THE INSTALLATION OF SW 41 PLACE INFRASTRUCTURE IMPROVEMENTS IN THE AMOUNT OF \$1,141,903.00, AUTHORIZING THE MAYOR TO EXECUTE THE RESOLUTION, AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Town Council approved the Downtown Master Plan by adopting Resolution No. R-2006-191 on July 5, 2006; and

WHEREAS, the Downtown Master Plan indicates that water should be directed to L Lake for storage purposes; and

WHEREAS, the Davie Community Redevelopment Agency contracted with the firm of Craven Thompson & Associates to prepare a Master Plan for drainage on the Eastside of Davie Road; and

WHEREAS, the Master Plan for East Davie drainage was reviewed and approved by Central Broward Water Control District on January, 23, 2008; and

WHEREAS, the Davie Community Redevelopment Agency also contracted with Craven Thompson & Associates to prepare plans and bid specifications for the first phase of improvements to conform to the Master Plan for East Davie; and

WHEREAS, a bidding process was conducted to request bids for installing the improvements shown on the first phase plans and fourteen bids were received on March 18, 2008 for Bid Number 08-32; and

WHEREAS, the low bidder for installation of these improvements was Conquest Engineering Group Company in the amount of \$903,391.00 for the base bid and \$238,512 for the alternate bid for a total bid of \$1,141,903.00 and the bid proposal was checked by Craven & Thompson for completeness and conformance to the bid specifications and the references were checked and found to be in order.

NOW THEREFORE, BE IT RESOLVED BY THE TOWN COUNCIL OF THE TOWN OF DAVIE, FLORIDA;

SECTION 1. The Town of Davie does hereby ratify the Contract between the Town of Davie Community Redevelopment Agency and Conquest Engineering Group Company in the amount of \$1,141,903.00 for providing the installation of SW 41 Place Infrastructure Improvements.


SECTION 2. The Mayor is authorized to acknowledge such approval by affixing his signature to said Resolution.

SECTION 3. This Resolution shall take effect immediately upon its passage and adoption.

PASSED AND ADOPTED THIS 16<sup>th</sup> DAY OF April, 2008.

  
MAYOR/COUNCILMEMBER

ATTEST:

  
TOWN CLERK

APPROVED THIS 16<sup>th</sup> DAY OF April, 2008